**Online Student Management Report**

**1. Abstract**

The goal of this project is to design an online student management system that mainly stores student’s and admin login data. The student and admin data are stored in myphp database. Admins can search the database to find the students they want, by their roll number and name. Admins can add and manage students through admin panel.

**2. Design and Methodology**

In this project, several technical approaches are used:

• HTML language for Webpages design and implementation.

• Oracle for relational database system.

• Java JDBC technology for database connection.

• SQL, structured Query language is used to access and manipulate database.

• Java Servlet technology for client-server communication.

• Java URL class to implement the search the students.

This project designs an online management system which provides a web-based interface. It is the graphical user interface. It has a search bar for user to input query information to search the database. The users interface then pass the input to the control function, which is implemented in Java. The control function is designed to process the input from the user’s interface, generate the searching query and then gets data from the database and returns to the user’s interface

**3. Implementation**

**I. Database overview:**

The online student management database sit on the Oracle is made of 2 tables.

Student\_info:

Defines the student details. It has the fields of: id-primary key, name, roll, class, city, pcontact, photo, and datetime

users:

It saves all the information of the users(admins). It has the fields of: id (primary key), name, email, username, password, photo, status, and datetime.

**II. Java class file overview**

* jquery.dataTables.min:

data tables are used for creating and displaying information in tables and adding interactions to them.

* jquery.dataTables.min:

Font awesome is used to add icons to the elements of webpages.

**III. Php file overview**

* Index.php:   
  It is responsible to show student data when searched.
* add-student.php:

It is responsible to add new students to the database. To add a new student, you need to enter name, roll, class, city, pcontact, and photo.

* all-student.php:

This php file is responsible to show data of all the students there are in the system/database. You can search students by name.

* all-users.php:

This file is responsible to output data of all the users.

* editstudent.php:

It can be used if any admin wants to edit any given data of students in the system.

* Login.php:

Responsible for login of users

* Register.php:

If a user doesn’t have username and password, he can go register through this page. To register user needs to type in name, username, email, password, confirm password, and photo.

**IV. CSS**

With the help of bootstraps, we have done most of the styles.

**4. Direction of use:**

|  |  |  |
| --- | --- | --- |
| **User ID** | **Roll No** | **Class** |
| **1** | **444433** | **1st** |
| **2** | **444439** | **2nd** |
| **3** | **443322** | **3rd** |
| **4** | **443342** | **4th** |
| **5** | **443353** | **5th** |

|  |  |  |  |
| --- | --- | --- | --- |
| **User ID** | **Username** | **Password** | **Status** |
| **1** | **harshil1234** | **harshil@123** | **Active** |
| **2** | **prince1234** | **prince@123** | **Active** |
| **3** | **HateUciha** | **Ucihaisevil** | **Inactive** |

You can use the first table to enter the inputs to search for the registered students. And the second table is to login for teachers so they can use every functions available like add another students or change something like their contact number or image and all. A new teacher can be added by registering their details to the database.x

**5. Screen shots**

Index home page of Student Management

Graphical user interface, website

Description automatically generated

Results of Searching students with registered class and roll no

Graphical user interface, application, website

Description automatically generated

Registration Page

Graphical user interface, website

Description automatically generated

Log in page

Graphical user interface, application

Description automatically generated

Logging in and it will check if the teacher’s status is active then it will log in and if it is inactive then it will show an error

Graphical user interface

Description automatically generated

Upper part of the logged in page

Graphical user interface, application

Description automatically generated

Lower part of the logged in page

Graphical user interface, website

Description automatically generated

Displaying teacher’s profile

Graphical user interface, website

Description automatically generated

Page of adding new student. Teachers can add new students by entering their information including their photos.

Graphical user interface, application, website

Description automatically generated

Displaying all the registered students

Graphical user interface, website

Description automatically generated

Displaying all the teachers including their status

Graphical user interface, website

Description automatically generated

If the teachers press logout, it redirects them to login page and from their they can log in again or they can go back to home page.

A screenshot of a computer

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

Graphical user interface, website

Description automatically generated

**6. Bibliography**

1. Inserting value to database - <https://www.w3schools.com/php/php_mysql_insert.asp>

2. How to create table using sql - <https://www.w3schools.com/php/php_mysql_create_table.asp>

3. Deleting data from database - <https://www.w3schools.com/php/php_mysql_delete.asp>

4. Updating data to database - <https://www.w3schools.com/php/php_mysql_update.asp>

5. Selecting data from database - <https://www.w3schools.com/php/php_mysql_select.asp>

6. Learning how to insert data back from database - <https://youtu.be/XhLAB1wwzNk>

7. Learning how to update data into database - <https://youtu.be/lyqeLvtlQiA>

8. Learning call function using JavaScript - <https://www.w3schools.com/js/js_function_call.asp>